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WRITER'S DIRECT NUMBER  
(214) 981-3482

WRITER'S E-MAIL ADDRESS  
dsorensen@sidley.com

IF YOU DO NOT RECEIVE ALL OF THE PAGES INDICATED, PLEASE CALL THE  
FOLLOWING NUMBER AS SOON AS POSSIBLE: 214-981-3300.

DATE: July 15, 2004 CLIENT ID.: 15162  
TIME: \_\_\_\_\_ FILE NO.: 1990  
NUMBER OF PAGES: 19 (INCLUDING INFORMATION SHEET)  
FROM: Douglas A. Sorensen  
TO: Office of Petitions  
FIRM NAME: GROUP 2673, USPTO  
FACSIMILE NUMBER: 9 703-872-9306

*Duplicate  
Copy  
Paper #1*

Per Kim's request from Petitions, attached are true and accurate copies of the Petition Under 37 C.F.R. § 1.181 to Withdraw Holding of Abandonment (3 pages) and Attachment (1 page) for Serial No. 09/645,375, which were mailed to the USPTO on May 14, 2003 (attached is a copy of the returned post card showing the receipt of the Petition and Attachment by the USPTO on May 19, 2003).

Also attached are true and accurate copies of the Supplement to Petition Under 37 C.F.R. § 1.181 to Withdraw Holding of Abandonment (2 pages) and Attachment (10 pages) for Serial No. 09/645,375, which were mailed to the USPTO on December 11, 2003 (attached is a copy of the returned post card showing the receipt of the Supplement to Petition and Attachment by the USPTO on December 15, 2003).

By: [Signature]  
Douglas A. Sorensen  
Registration No. 31,570  
Attorney for Applicant

THIS MESSAGE IS INTENDED ONLY FOR THE REVIEW AND USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR AN EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS BY MAIL. THANK YOU.

DAL 301264v1

Docket No. 15162/01990

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JUL 15 2004

**OFFICIAL**

In re

U.S. application:

Keizou OCHI

For:

INFORMATION DISPLAY DEVICE

U.S. Serial No.:

09/645,375

Filed:

August 24, 2000

Confirmation No.:

4237

Group Art Unit:

2673

Examiner:

Kent Wu Chang

**MAIL STOP PETITIONS**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: **MAIL STOP PETITIONS**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

May 14, 2003

Date of Deposit

Douglas A. Sorensen

Name of Applicant, Assignee, or Registered Representative

Signature

May 14, 2003

Date of Signature

**PETITION UNDER 37 C.F.R. § 1.181 TO  
WITHDRAW HOLDING OF ABANDONMENT**

A Notice of Abandonment was mailed on April 18, 2003, indicating that the above-identified patent application is abandoned for failure to timely file the issue fee in response to the Notice of Allowance. The Notice of Abandonment does not state when the Notice of Allowance was issued, but the PAIR system indicates that a Notice of Allowance was mailed on December 13, 2002.

Serial No. 09/645,375

However, the Notice of Allowance was never delivered at any address to applicant's representatives of record. Accordingly, by this Petition, applicant respectfully requests the United States Patent and Trademark Office to withdraw the holding of abandonment in this patent application.

**Statements of Facts under MPEP §711.03(c)(II)**

On April 28, 2003 our office received a Notice of Abandonment mailed April 18, 2003 indicating that the above-referenced application is abandoned in view of applicant's failure to timely pay the issue fee in response to the Notice of Allowance. However, the Notice of Allowance was never received by Applicant or their representatives. According to the PAIR system, a Notice of Allowance was mailed on December 13, 2002. Thus, if the Notice of Allowance had been delivered, the response period would appear to expire on March 13, 2003.

Applicant hereby respectfully petitions that the holding of abandonment for the above-identified patent application be withdrawn, based on a failure of the United States Patent and Trademark Office to deliver the Office Action to applicant's representatives.

In accordance with the requirements of MPEP 711.03(c)(II) to establish non-receipt of a United States Patent and Trademark Office communication, the undersigned agent for applicant hereby attests:


1. Neither I nor Sidley Austin Brown & Wood LLP, as addressee, received the original or any copy of the Notice of Allowance; and
2. I have carefully searched the Sidley Austin Brown & Wood LLP file and docket records for the above identified patent application and have determined that the Notice of Allowance was not in or a part of such file/records.
3. Attached hereto is a copy of the relevant Sidley Austin Brown & Wood LLP's docketing records (**Exhibit A**) for the above-identified patent application, which

Serial No. 09/645,375

expressly reflects a chronological listing illustrating where the Notice of Allowance would have been entered had it been received by Sidley Austin Brown & Wood LLP.

In view of the above showing, applicant requests the grant of this Petition to withdraw the current holding of abandonment. Applicant is not aware of any fee required for this Petition; however, in the event that a fee is required, please charge any necessary fee (other than the issue fee) to Deposit Account No. 18-1260. Any refund should be credited to the same account.

Respectfully submitted,

By:   
\_\_\_\_\_  
Douglas A. Sorensen  
Registration No. 31,570  
Attorney for Applicant

DAS/jkk:bar  
SIDLEY AUSTIN BROWN & WOOD LLP  
717 N. Harwood, Suite 3400  
Dallas, Texas 75201  
Direct: (214) 981-3482  
Main: (214) 981-3300  
Facsimile: (214) 981-3400  
May 14, 2003

DAI 252172v3

JUL 15. 2004 2:41PM

Sidley Austin Brown and Wood

NO. 733 P. 5

OPER **PMP** ENTERED **5/30/2000** MODIFIED **4/30/2003** ATTORNEYS **TNT / A / A** PRINTED ON: **5/14/2003**

SIDLEY# **15162/01990** CNTRY **US** **UNITED STATES** NEW/CON **CEQ** RELATED **n/a**

PATS# **P03919US0** TYPE **UTL** SERIAL# **09/645,375** PATENT#  STAT **PENDING**

TITLE **INFORMATION DISPLAY DEVICE** OLD#

CLIENT **15162 MINOLTA CO., LTD.** 1 GREF **F10202/TM** SE **NO** CONF# **4237**

AGENT  AREF  CLAIMS **9** DLVR **PPLAP**

PRIOR **8/31/1999** MAIL **8/24/2000** FILE **8/24/2000** PUBL  ISSUE  EXP **8/24/2020** 1ST **8/24/2000**

ID	O	ACTION	BASE	DUE IN	DUE	EXTNS	FINAL	EXT	RESPONSE	CALL	1	2	P
FL	N	FILING DEADLINE	8/31/2000	0M	8/31/2000	0	8/31/2000	0	8/24/2000	2M	Y	Y	Y
PC	N	POST CARD CHECK	8/24/2000	2M	10/24/2000		10/24/2000	0	9/1/2000	0M	Y	Y	Y
DS	N	INF DISCLOSURE STMT	8/24/2000	3M	11/24/2000	0	11/24/2000	0	8/24/2000	2M	Y	Y	Y
FS	N	FILG RCPT STATUS CHK	8/24/2000	3M	11/24/2000		11/24/2000	0	10/11/2000	0M	Y	Y	Y
PU	N	PUBLICATION	8/24/2000	18M	2/24/2002		2/24/2002	0		0M	Y	Y	Y
SC	N	STATUS CHECK FOR OA	8/24/2000	28M	12/24/2002	0	12/24/2002	0		0M	Y	Y	Y

## INVENTORS

KEIZOU OCHI

## ASSIGNEES

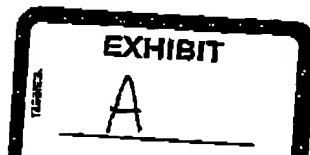
MINOLTA CO., LTD

## PRIOR APPLICATIONS

REFERENCE#	CNTRY	SERIAL#	FILED	TITLE / DESCRIPTION	TYPE
	JP	11-244548	8/31/1999		APPL

## NOTES

REC'D NOTICE OF ABANDONMENT FROM PTO 04/28/03 DAS CALLED PTO 04/30/03 CHECKING INTO IT



JUL 15 2004 2:41PM

Sidley Austin Brown and Wood

NO. 733

P. 6

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MAY 27 2003

SABW-DALLAS

ATTORNEY: DAS

PAPER: PETITION UNDER 37 C.F.R. § 1.181 TO  
WITHDRAW HOLDING OF ABANDONMENT (3  
pp.); ATTACHMENT (1 pp.) (via First Class Mail)

Inventor: Keizou OCHI

Confirmation No.: 4237

Serial No.: 09/645,375

Client: 15162 Matter: 01990

Due: Mailed: 5/14/03

Title: INFORMATION DISPLAY DEVICE

Deposit  
Account  
Authorization:  
N/A

Filed in the  
United States  
Patent Office on



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/645,375  
Applicant(s): Keizou OCHI  
For: INFORMATION DISPLAY DEVICE  
Confirmation No.: 4237  
Customer No.: 24367  
Docket No.: 15162/01990  
Filed: August 24, 2000  
Group Art Unit: 2673  
Examiner: Kent Wu Chang

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JUL 23 2004

**DIRECTOR OFFICE  
TECHNOLOGY CENTER 2000****MAIL STOP PETITIONS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MAIL STOP PETITIONS, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 11, 2003

Date of Deposit

Douglas A. Sorensen

Name of Applicant, Assignee, or Registered Representative

Signature

December 11, 2003

Date of Signature

**SUPPLEMENT TO PETITION  
UNDER 37 C.F.R. § 1.181 TO  
WITHDRAW HOLDING OF ABANDONMENT**

This communication is to supplement the petition filed by Applicant on May 14, 2003 requesting rescission of abandonment of the application. The subject application was held abandoned for failure to pay the issue fee in response to a Notice of Allowance issued December 13, 2002. The petition requests rescission of the holding of abandonment because Applicant never received the Notice of Allowance. As fate would have it, we recently received the Notice of Allowance on December 1, 2003. The envelope sending the notice

Application No. 09/645,375  
Supplement To Petition dated December 11, 2003  
Reply to Office Action of April 18, 2003

is postmarked November 28, 2003. In addition, page 4 of the notice (Form PTOL-85, page 4 of 4) is stamped "RECEIVED Nov 19 2003 Technology Center 2600." A complete copy of the mailing and the front surface of the envelope are attached. Applicant can only surmise that the lost notice was uncovered in the recent preparations by the USPTO staff to move to the new Alexandria offices.

In view of the above showing, Applicant requests the grant of this Supplement Petition to withdraw the current holding of abandonment. Applicant is not aware of any fee required for this Petition; however, in the event that a fee is required, please charge any necessary fee (other than the issue fee) to Deposit Account No. 18-1260. Any refund should be credited to the same account.

Respectfully submitted,

By: 

Douglas A. Sorensen  
Registration No. 31,570  
Attorney for Applicant

DAS/bar  
SIDLEY AUSTIN BROWN & WOOD LLP  
717 N. Harwood, Suite 3400  
Dallas, Texas 75201  
Direct: (214) 981-3482  
Main: (214) 981-3300  
Facsimile: (214) 981-3400  
December 11, 2003

DAI 279247v1





## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

24367 7590 12/13/2002  
SIDLEY AUSTIN BROWN & WOOD LLP  
717 NORTH HARWOOD  
SUITE 3400  
DALLAS, TX 75201

EXAMINER

CHANG, KENT WU

ART UNIT

CLASS-SUBCLASS

2673

343-211000

DATE MAILED: 12/13/2002

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/645,375	08/24/2000	Keizon Ochi	15162/01990	4237

TITLE OF INVENTION: INFORMATION DISPLAY DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$0	\$1280	03/13/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

## HOW TO REPLY TO THIS NOTICE:

## I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status.  
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

DUE DATE: \_\_\_\_\_

REFERENCE: \_\_\_\_\_

INITIALS: \_\_\_\_\_

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE  
 Commissioner for Patents  
 Washington, D.C. 20231  
**Fax** (703)746-4000

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly make-up with any corrections or use Block 1)

24367 7590 12/13/2002

SIDLEY AUSTIN BROWN & WOOD LLP  
 717 NORTH HARWOOD  
 SUITE 3400  
 DALLAS, TX 75201

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/645,375	08/24/2000	Keizou Ochi	15162/01990	4237

TITLE OF INVENTION: INFORMATION DISPLAY DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1280	\$0	\$1280	03/13/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHANG, KENT WU	2673	345-211000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 \_\_\_\_\_  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  
 (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ Individual ☐ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☐ Issue Fee  
☐ Publication Fee  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) (Date)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (REV. 04-02) Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/645,375	08/24/2000	Keizou Ochi	15162/01990	4237
24367	7590	12/13/2002	EXAMINER	
SIDLEY AUSTIN BROWN & WOOD LLP 717 NORTH HARWOOD SUITE 3400 DALLAS, TX 75201			CHANG, KENT WU	
			ART UNIT	PAPER NUMBER
			2673	
DATE MAILED: 12/13/2002				

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
(application filed on or after May 29, 2000)

The patent term adjustment to date is 415 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 415 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/645,375	08/24/2000	Keizou Ochi	15162/01990	4237
24367	7590	12/13/2002	EXAMINER	
SIDLEY AUSTIN BROWN & WOOD LLP 717 NORTH HARWOOD SUITE 3400 DALLAS, TX 75201 UNITED STATES			CHANG, KENT WU	
			ART UNIT	PAPER NUMBER
			2673	
			DATE MAILED: 12/13/2002	

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NOV 19 2003  
Technology Center 2600

## Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: <http://www.uspto.gov/main/howtofees.htm>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

**Notice of Allowability**

Application No.

09/645,375

Examiner

KENT W CHANG

Applicant(s)

OCHI

Art Unit

2673

**- The MAILING DATE of this communication appears on the cover sheet with the correspondence address-**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Application filed on 8/24/00.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ The drawings filed on 24 August 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the;
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
  - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

8. ☐ CORRECTED DRAWINGS must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No. \_\_\_\_\_.
  - (b) ☐ including changes required by the proposed drawing correction filed \_\_\_\_\_, which has been approved by the Examiner.
  - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- 1 ☒ Notice of References Cited (PTO-892)
- 3 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 5 ☒ Information Disclosure Statements (PTO-1449), Paper No. 2.
- 7 ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

- 2 ☐ Notice of Informal Patent Application (PTO-152)
- 4 ☐ Interview Summary (PTO-413), Paper No. \_\_\_\_\_.
- 6 ☐ Examiner's Amendment/Comment
- 8 ☒ Examiner's Statement of Reasons for Allowance
- 9 ☐ Other

Application/Control Number: 09/645,375  
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### REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance: It is known in the art to detect the voltage level of the power supply and turns the display dimmer or off when the voltage level is low, it is also known to detect the voltage level of the power supply for various purpose as taught by Konaka et al (US Patent No.6,256,742), Kikuchi et al (US Patent No. 6,038,515), Gauthier (US Patent No. 5,184,117), Chou (US Patent No. 6,476,590), and Usuba et al (US Patent No. 4,328,490); however, the prior art of the record fails to teach or suggest singly or in combination a display device including, inter alia, a display element, a power supply, and image changing means based on power supply voltage detecting means in a manner prescribed in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kent Chang whose telephone number is 703-305-4824. The examiner can normally be reached on Monday to Thursday from 9:00 AM to 6:00 PM.

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Page 3

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala, can be reached at 703-305-4938.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**or faxed to:**

**(703) 872-9314 (for Technology Center 2600 only)**

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is 703-305-9700.

  
KENT W CHANG  
Primary Examiner  
Art Unit 2673

Kc

12/11/02

<b>Notice of References Cited</b>	Application/Control No. 09/645,375	Applicant(s)/Patent Under Reexamination OCHI	
	Examiner KENT W CHANG	Art Unit 2673	Page 1 of 1

## U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,256,742	07-2001	Konaka et al.	713/320
*	B	US-6,038,515	03-2000	Kikuchi et al.	702/63
*	C	US-5,184,117	02-1993	Gauthier, Lloyd W.	345/102
*	D	US-6,476,590	11-2002	Chou, Hsien-Ying	323/284
*	E	US-4,328,490	05-1982	Usuba et al.	345/618
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. Patent and Trademark Office  
PTO-892 (Rev. 01-2001)

Notice of References Cited

Part of Paper No. 5



Application Num	To Be Assigned
Filing Date	Concurrently
First Inventor	KEIZOU OCHI
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket No.	15162/01990

Sheet	1	of	1
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[illegible][illegible]

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
Examiner Signature	K. A. C. L.	Date Considered	12/11/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

JUL.15.2004 2:44PM

Sidley Austin Brown and Wood

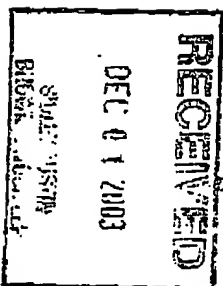
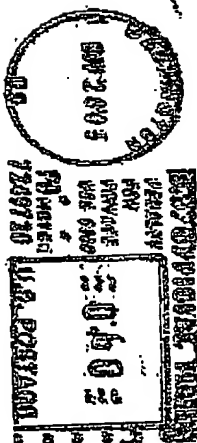
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P. 18

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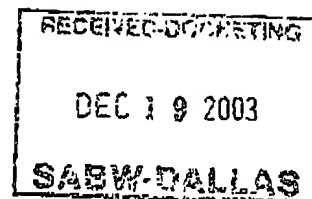
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NO. 733 P. 19



ATTORNEY: DAS

PAPER: SUPPLEMENT TO PETITION UNDER 37  
C.F.R. § 1.181 TO WITHDRAW HOLDING OF  
ABANDONMENT(2 pp.); ATTACHMENT (10 pp.)  
(via First Class Mail)

Applicant(s): Keizon OCHI

Confirmation No. 4237

Customer No. 24367

Application No. 09/645,375

Client: 15162 Matter: 01990

Due: Mailed: 12/11/03

Title: INFORMATION DISPLAY DEVICE

Deposit  
Account  
Authorization:  
N/A

Filed in the  
United States  
Patent Office on

